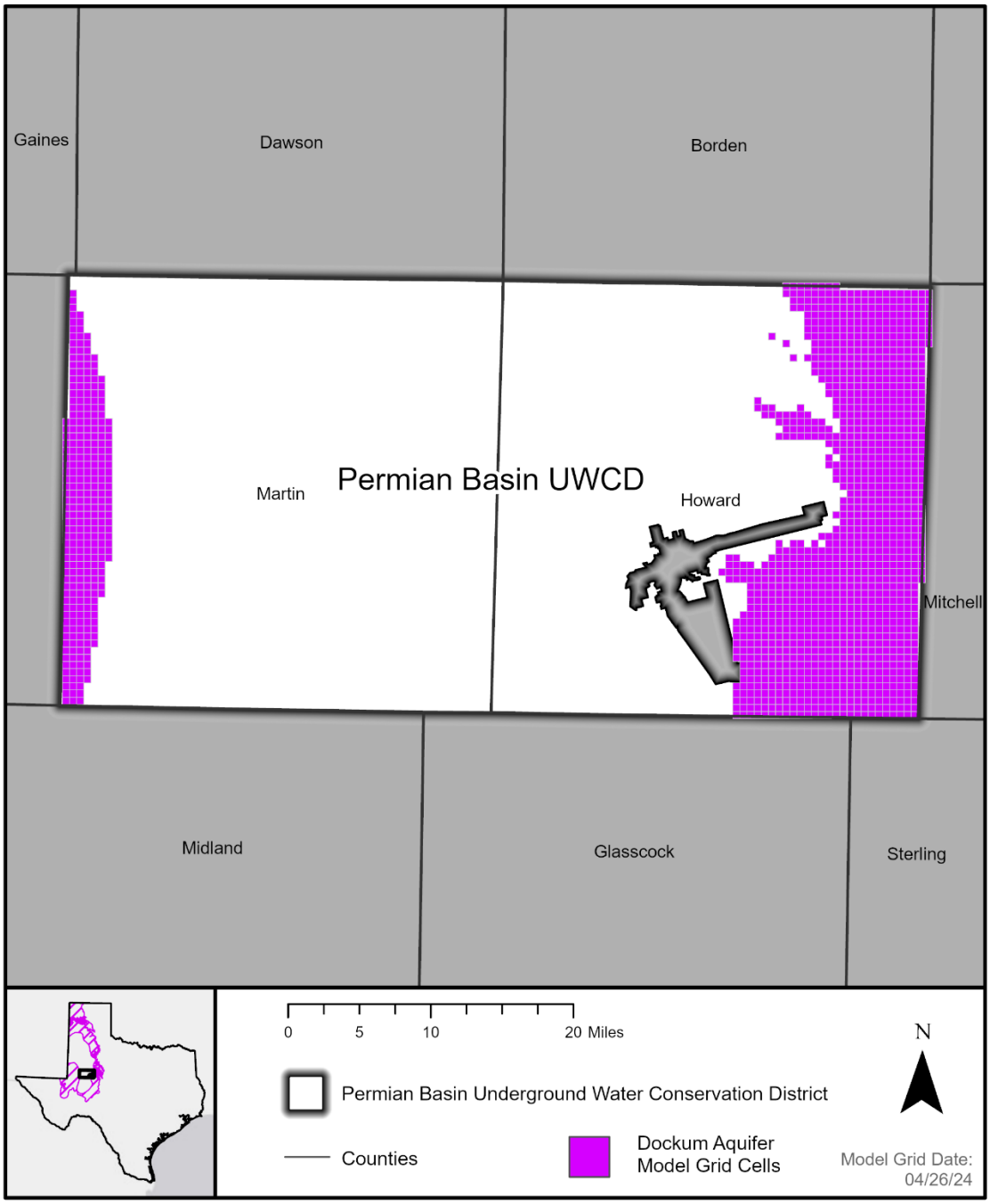
PERMIAN BASIN UNDERGROUND WATER CONSERVATION DISTRICT
DOCKUM AQUIFER WATER BUDGETS



Area of the groundwater availability model for the High Plains Aquifer System from which the budget information was extracted (the Dockum Aquifer extent within the district boundary).

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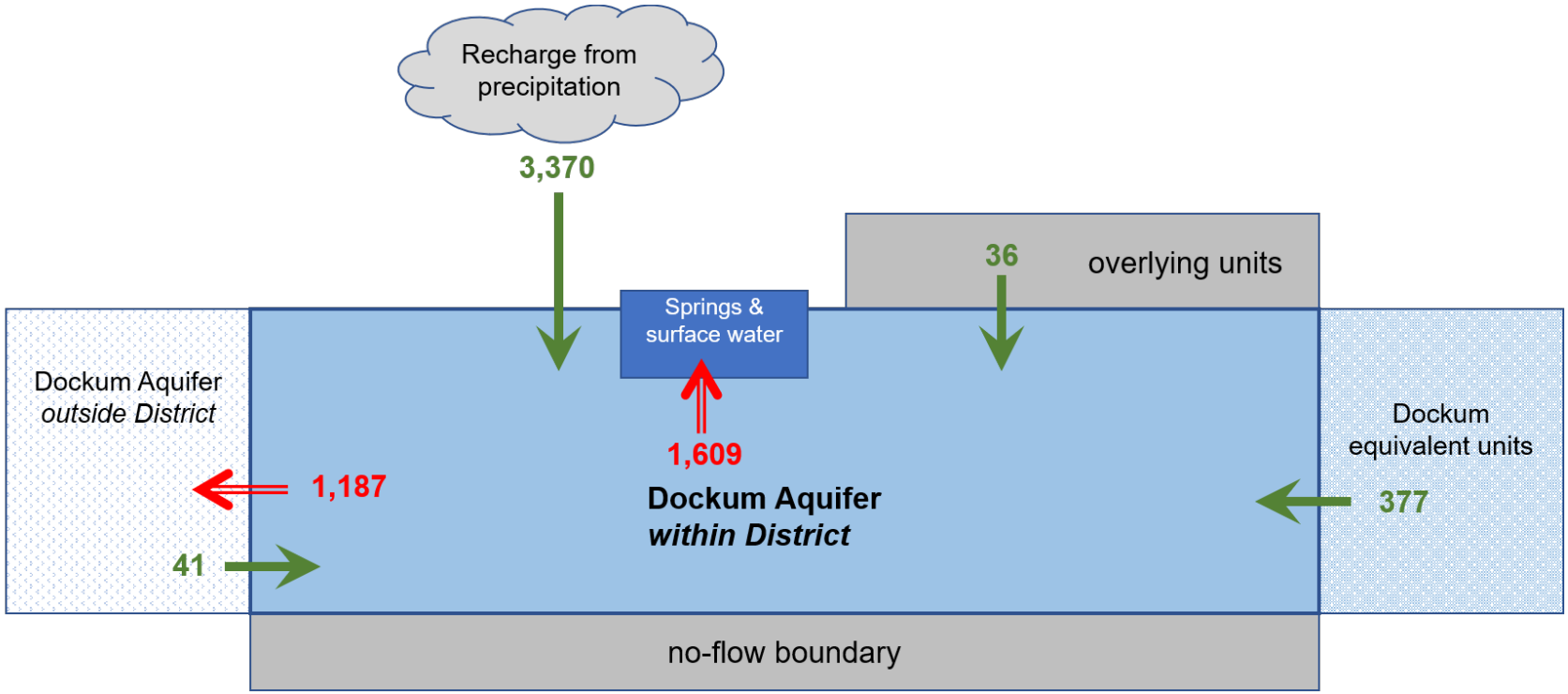
PERMIAN BASIN UNDERGROUND WATER CONSERVATION DISTRICT
DOCKUM AQUIFER WATER BUDGETS

Management Plan requirement	Aquifer or confining unit	Results (acre-feet per year)
Estimated annual amount of recharge from precipitation to the district	Dockum Aquifer	3,370
Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers.	Dockum Aquifer	1,609
Estimated annual volume of flow into the district within each aquifer in the district	Dockum Aquifer	41
Estimated annual volume of flow out of the district within each aquifer in the district	Dockum Aquifer	1,187
Estimated net annual volume of flow between each aquifer in the district	Flow to the Dockum Aquifer from overlying units (Ogallala and Edwards-Trinity [Plateau] aquifers)	36
Estimated net annual volume of flow between each aquifer in the district	Flow to the Dockum Aquifer from Dockum equivalent units	377



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PERMIAN BASIN UNDERGROUND WATER CONSERVATION DISTRICT DOCKUM AQUIFER WATER BUDGETS



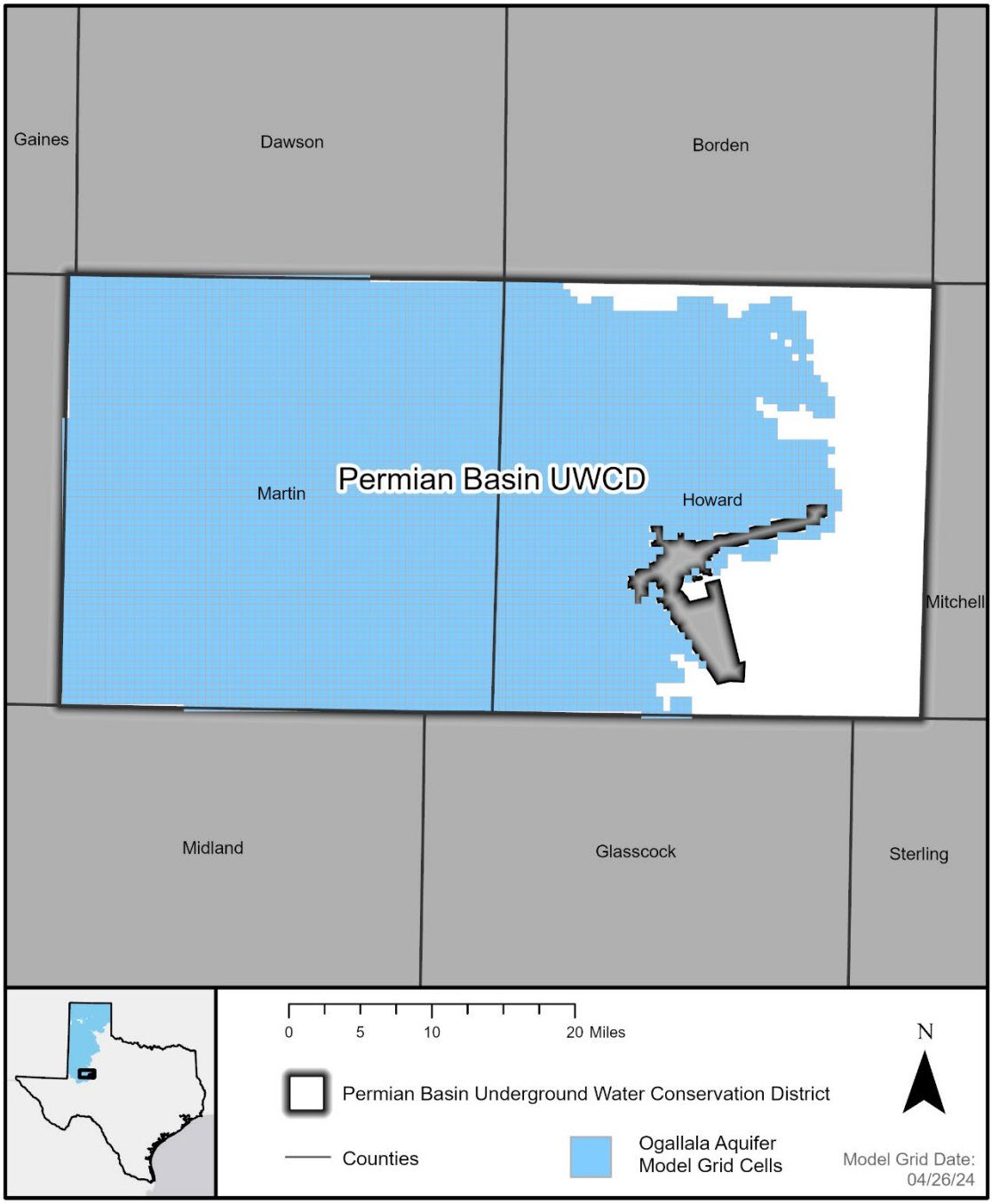
Caveat: This diagram only includes the water budget items provided in the table. A complete water budget would include additional inflows and outflows. For a full groundwater budget, please submit a request in writing to the Groundwater Modeling Department.

Generalized diagram of the summarized budget information representing directions of flow for the Dockum Aquifer within Permian Basin Underground Water Conservation District. Flow values expressed in acre-feet per year (AFY).

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PERMIAN BASIN UNDERGROUND WATER CONSERVATION DISTRICT
OGALLALA AQUIFER WATER BUDGETS



Area of the groundwater availability model for the High Plains Aquifer System from which the budget information was extracted (the Ogallala Aquifer extent within the district boundary).

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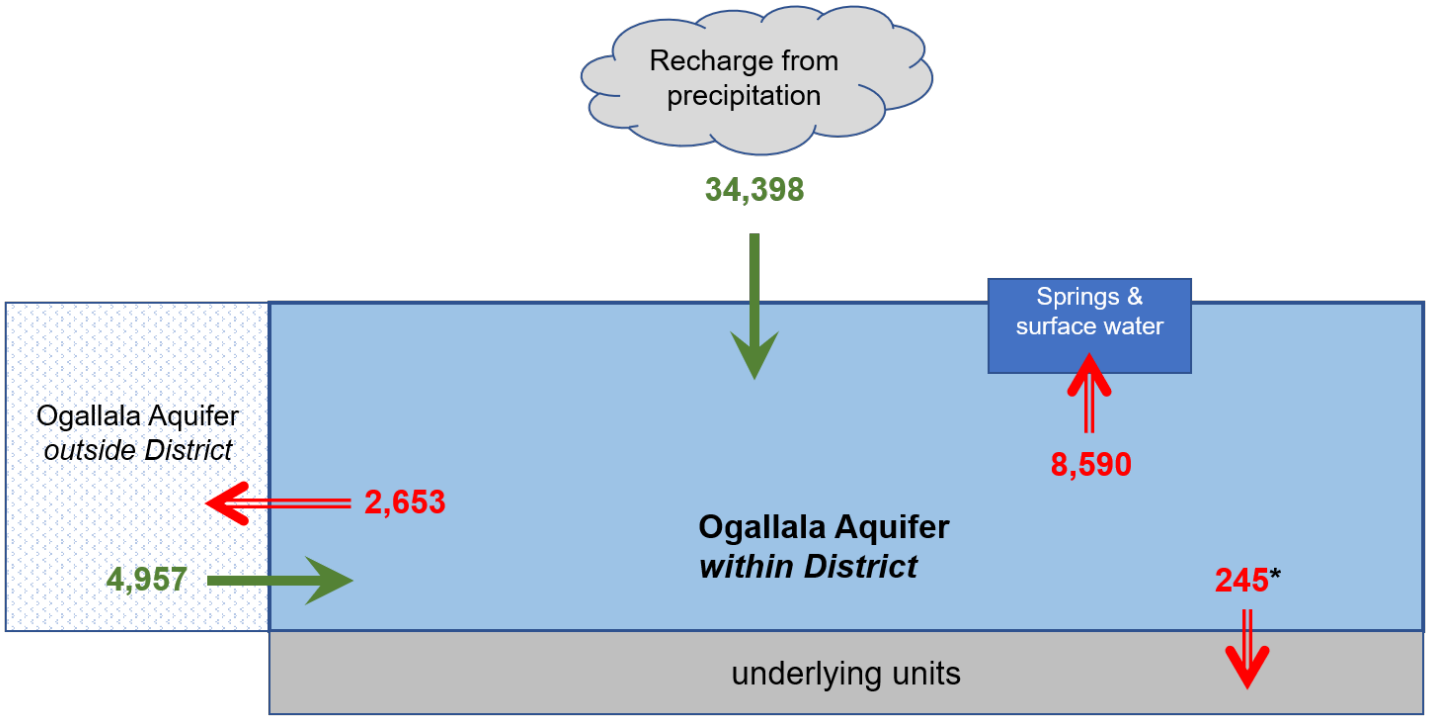
PERMIAN BASIN UNDERGROUND WATER CONSERVATION DISTRICT
OGALLALA AQUIFER WATER BUDGETS

Management Plan requirement	Aquifer or confining unit	Results (acre-feet per year)
Estimated annual amount of recharge from precipitation to the district	Ogallala Aquifer	34,398
Estimated annual volume of water that discharges from the aquifer to springs and any surface water body including lakes, streams, and rivers.	Ogallala Aquifer	8,590
Estimated annual volume of flow into the district within each aquifer in the district	Ogallala Aquifer	4,957
Estimated annual volume of flow out of the district within each aquifer in the district	Ogallala Aquifer	2,653
Estimated net annual volume of flow between each aquifer in the district	Flow from the Ogallala Aquifer to the Edwards-Trinity (Plateau) Aquifer	259
Estimated net annual volume of flow between each aquifer in the district	Flow to the Ogallala Aquifer from the Dockum Aquifer and equivalent units	14



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PERMIAN BASIN UNDERGROUND WATER CONSERVATION DISTRICT OGALLALA AQUIFER WATER BUDGETS



*Flow to underlying units includes net outflow of 259 acre-feet per year to the Edwards-Trinity (Plateau) Aquifer and net inflow of 14 acre-feet per year from the Dockum Aquifer and equivalent units.

Caveat: This diagram only includes the water budget items provided in the table. A complete water budget would include additional inflows and outflows. For a full groundwater budget, please submit a request in writing to the Groundwater Modeling Department.

Generalized diagram of the summarized budget information representing directions of flow for the Ogallala Aquifer within Permian Basin Underground Water Conservation District. Flow values expressed in acre-feet per year (AFY).

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